

Building Site Development

Appanoose County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
7A: Wiota-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
13B: Olmitz-----	40	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
Colo-----	30	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Vesser-----	30	Very limited Frost action Flooding Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone Flooding	1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.19
24D2: Shelby-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
24D3: Shelby-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63

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24E2: Shelby-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
24E3: Shelby-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
51A: Vesser-----	95	Very limited Frost action Flooding Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone Flooding	1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.19
51B: Vesser-----	95	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
54A: Zook-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 0.60 0.01	Very limited Depth to saturated zone Flooding	1.00 0.60

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54B: Zook-----	100	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	1.00 0.01	Very limited Depth to saturated zone	1.00
56B: Cantril-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone	0.95	Not limited	
65E2: Lindley-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
65E3: Lindley-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
65F: Lindley-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
65F2: Lindley-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
65F3: Lindley-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
65G2: Lindley-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
93D2: Adair-----	55	Very limited Frost action Low strength Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 0.63 0.19	Very limited Depth to saturated zone Slope Too clayey	1.00 0.63 0.41	Somewhat limited Slope Depth to saturated zone	0.63 0.19
Shelby-----	35	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
93D3: Adair-----	55	Very limited Frost action Low strength Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 0.63 0.19	Very limited Depth to saturated zone Slope Too clayey	1.00 0.63 0.41	Somewhat limited Slope Depth to saturated zone	0.63 0.19

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Shelby-----	35	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				
94D2: Mystic-----	55	Very limited Frost action Low strength	1.00 1.00	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
		Shrink-swell Slope	1.00 0.63				
Caleb-----	35	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				
94D3: Mystic-----	60	Very limited Frost action Low strength	1.00 1.00	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
		Shrink-swell Slope	1.00 0.63				
Caleb-----	40	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				
94E2: Mystic-----	55	Very limited Frost action Low strength	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
		Shrink-swell Slope	1.00 1.00				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Caleb-----	35	Very limited Slope Low strength	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
		Shrink-swell Frost action	0.50 0.50				
94E3: Mystic-----	55	Very limited Frost action Low strength	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
		Shrink-swell Slope	1.00 1.00				
Caleb-----	35	Very limited Slope Low strength	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
		Shrink-swell Frost action	0.50 0.50				
130: Belinda-----	100	Very limited Depth to saturated zone Low strength Shrink-swell Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
131B: Pershing-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	
131C: Pershing-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
131C2: Pershing-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength	1.00	Too clayey	0.01		
		Shrink-swell	1.00				
132B: Weller-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength	1.00				
		Shrink-swell	1.00				
132B2: Weller-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength	1.00				
		Shrink-swell	1.00				
132C2: Weller-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength	1.00				
		Shrink-swell	1.00				
132D2: Weller-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63		
		Shrink-swell	1.00				
		Slope	0.63				
133+: Colo-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
133A: Colo-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
133B: Colo-----	100	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
172: Wabash-----	100	Very limited Shrink-swell Depth to saturated zone Flooding Low strength Frost action	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding Too clayey	1.00 0.60 0.50	Very limited Depth to saturated zone Too clayey Flooding	1.00 1.00 0.60
179D2: Gara-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
179D3: Gara-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
179E: Gara-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
179E2: Gara-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
179E3: Gara-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
179F2: Gara-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
192C: Adair-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Too clayey	1.00 0.41	Somewhat limited Depth to saturated zone	0.19

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192C2: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.41		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
192D2: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.41		
		Slope	0.63				
		Depth to saturated zone	0.19				
208: Landes Variant-----	95	Very limited Flooding	1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
		Frost action	0.50	Depth to saturated zone	0.35		
211: Edina-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.72		
		Low strength	1.00				
		Frost action	0.50				
220: Nodaway-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				

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222C: Clarinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
222C2: Clarinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
222C3: Clarinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Low strength	1.00	Too clayey	0.50	Depth to saturated zone	0.19
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
222D2: Clarinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.50		
		Slope	0.63				
		Depth to saturated zone	0.19				
260: Beckwith-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.18		
		Shrink-swell	1.00				
		Frost action	0.50				

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261: Appanoose-----	100	Very limited Depth to saturated zone Low strength Shrink-swell Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	1.00 0.82	Very limited Depth to saturated zone	1.00
269A: Humeston-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
269B: Humeston-----	100	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
273B: Olmitz-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
312B: Seymour-----	100	Very limited Low strength Shrink-swell Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	0.95 0.15	Not limited	
312C2: Seymour-----	100	Very limited Low strength Shrink-swell Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	0.95 0.15	Not limited	

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313D2: Gosport-----	55	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Shrink-swell Slope	1.00 0.63	Slope Depth to soft bedrock	0.63 0.46	Depth to bedrock Depth to saturated zone	0.46 0.03
		Frost action Depth to saturated zone	0.50 0.03	Too clayey	0.32		
Clanton-----	45	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
		Slope Frost action	0.63 0.50	Too clayey	0.04		
313E2: Gosport-----	55	Very limited Low strength Shrink-swell	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 1.00	Very limited Slope Depth to bedrock	1.00 0.46
		Slope Frost action Depth to saturated zone	1.00 0.50 0.03	Depth to soft bedrock Too clayey	0.46 0.32	Depth to saturated zone	0.03
Clanton-----	45	Very limited Low strength Shrink-swell	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
		Slope Frost action	1.00 0.50	Too clayey	0.04		
313F2: Gosport-----	55	Very limited Slope Low strength	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 1.00	Very limited Slope Depth to bedrock	1.00 0.46
		Shrink-swell Frost action Depth to saturated zone	1.00 0.50 0.03	Depth to soft bedrock Too clayey	0.46 0.32	Depth to saturated zone	0.03

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Clanton-----	45	Very limited Slope Low strength	1.00 1.00	Very limited Slope Depth to saturated zone Too clayey	1.00 0.16 0.04	Very limited Slope	1.00
315: Nodaway-----	55	Very limited Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Flooding Depth to saturated zone	0.80 0.61	Very limited Flooding	1.00
Alluvial Land-----	35	Not rated		Not rated		Not rated	
354: Marsh-----	95	Not rated		Not rated		Not rated	
362: Haig-----	100	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	1.00 0.12	Very limited Depth to saturated zone	1.00
364B: Grundy-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.03	Very limited Depth to saturated zone Too clayey	1.00 0.12	Somewhat limited Depth to saturated zone	0.03

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406: Kennebec-----	55	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
Amana-----	35	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
413D2: Sogn-----	40	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock	1.00	Very limited Depth to bedrock	1.00
		Low strength	1.00	Slope	0.96	Slope	0.96
		Slope	0.96			Droughty	0.92
		Shrink-swell	0.50			Content of large stones	0.01
		Frost action	0.50				
Clanton-----	30	Very limited Low strength	1.00	Very limited Slope	0.96	Very limited Slope	0.96
		Shrink-swell	1.00	Depth to saturated zone	0.16		
		Slope	0.96	Too clayey	0.04		
		Frost action	0.50				
Gosport-----	30	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	0.96
		Shrink-swell	1.00	Slope	0.96	Depth to bedrock	0.46
		Slope	0.96	Depth to soft bedrock	0.46	Depth to saturated zone	0.03
		Frost action	0.50	Too clayey	0.32		
		Depth to saturated zone	0.03				

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422: Amana-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
425C: Keswick-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
425C2: Keswick-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
425D: Keswick-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.28		
		Slope	0.63				
		Depth to saturated zone	0.19				
425D2: Keswick-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.28		
		Slope	0.63				
		Depth to saturated zone	0.19				

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425D3: Keswick-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.28		
		Slope	0.63				
		Depth to saturated zone	0.19				
452B: Lineville-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
452C: Lineville-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
452C2: Lineville-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
453A: Tuskeego-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00				
		Shrink-swell	1.00				
		Frost action	0.50				

Building Site Development

Appanoose County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
453B: Tuskeego-----	100	Very limited Depth to saturated zone Low strength Shrink-swell Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
467: Radford-----	95	Very limited Frost action Flooding Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone Flooding	1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.19
520: Coppock-----	95	Very limited Frost action Flooding Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone Flooding	1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.19
531B: Kniffin-----	100	Very limited Low strength Shrink-swell Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	0.95 0.68	Not limited	
531C: Kniffin-----	100	Very limited Low strength Shrink-swell Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	0.95 0.68	Not limited	

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
531C2: Kniffin-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.68		
532B: Rathbun-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.68		
532B2: Rathbun-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.68		
532C: Rathbun-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.68		
532C2: Rathbun-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00	Too clayey	0.50		
534: Carlow-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	1.00	Too clayey	0.72	Too clayey	1.00
		Low strength	1.00	Flooding	0.60	Flooding	0.60
		Shrink-swell	1.00				
		Frost action	0.50				

Building Site Development

Appanoose County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
587: Chequest-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
592C2: Mystic-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
592C3: Mystic-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
592D2: Mystic-----	100	Very limited Frost action Low strength Shrink-swell Slope	1.00 1.00 1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
592D3: Mystic-----	100	Very limited Frost action Low strength Shrink-swell Slope	1.00 1.00 1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
752C: Lineville Variant---	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19

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Appanoose County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
752C2: Lineville Variant---	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.01		
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
792C2: Armstrong-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.32		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
792C3: Armstrong-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.32		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
792D2: Armstrong-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.32		
		Slope	0.63				
		Depth to saturated zone	0.19				

Building Site Development

Appanoose County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
792D3: Armstrong-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.32		
		Slope	0.63				
		Depth to saturated zone	0.19				
795C2: Ashgrove-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
795D2: Ashgrove-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.50		
		Slope	0.63				
		Depth to saturated zone	0.19				
822D2: Lamoni-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Shrink-swell	1.00	Slope	0.63	Depth to saturated zone	0.19
		Slope	0.63	Too clayey	0.08		
		Frost action	0.50				
		Depth to saturated zone	0.19				

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Appanoose County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
822D3: Lamoni-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Shrink-swell Slope	1.00 0.63	Slope Too clayey	0.63 0.08	Slope Depth to saturated zone	0.63 0.19
		Frost action Depth to saturated zone	0.50 0.19				
993D2: Armstrong-----	60	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.19	Too clayey	0.32		
Gara-----	40	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				
993D3: Armstrong-----	60	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.19	Too clayey	0.32		
Gara-----	40	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				

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Appanoose County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
993E2: Armstrong-----	55	Very limited Frost action Low strength Shrink-swell Slope Depth to saturated zone	 1.00 1.00 1.00 1.00 0.19	Very limited Slope Depth to saturated zone Too clayey	 1.00 1.00 0.32	Very limited Slope Depth to saturated zone	 1.00 0.19
Gara-----	35	Very limited Slope Low strength Shrink-swell Frost action	 1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	 1.00 0.16	Very limited Slope	 1.00
993E3: Armstrong-----	55	Very limited Frost action Low strength Shrink-swell Slope Depth to saturated zone	 1.00 1.00 1.00 1.00 0.19	Very limited Slope Depth to saturated zone Too clayey	 1.00 1.00 0.32	Very limited Slope Depth to saturated zone	 1.00 0.19
Gara-----	35	Very limited Slope Low strength Shrink-swell Frost action	 1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	 1.00 0.16	Very limited Slope	 1.00
5030: Mines And Quarries--	100	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
T130: Belinda-----	100	Very limited Depth to saturated zone Low strength Shrink-swell Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
T131B: Pershing-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	
T131C: Pershing-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	
T132B: Weller-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone	0.95	Not limited	
T132C: Weller-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone	0.95	Not limited	